

## **ABSTRACT**

Disclosed is a method for removing polynucleotide from the skin. This  
polynucleotide can be used to detect dermatitis and distinguish an irritant reaction from an  
allergic reaction by characterizing the polynucleotide according to the polypeptide which it  
5 encodes. Additionally, provided are methods for non-invasive isolation of samples from the  
skin as well as kits for use in the methods provided herein.

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